FIG.1 FIG.3

12 16 RADIO RECEPTION SECTION

13 17 POWER CALCULATION SECTION

18 31 AGC GAIN CALCULATION SECTION

19 SELECTION COMBINING SECTION

20 DEMODULATION SECTION

RECEIVED DATA

FIG.2 FIG.4 FIG.5 FIG.7 FIG.9

AGC UPDATE PERIOD

ANTENNA

POWER CALCULATION

GAIN CALCULATION

FIG.6 FIG.10 FIG.11

105 AGC GAIN CALCULATION SECTION

106 SELECTION COMBINING SECTION

107 DEMODULATION SECTION

RECEIVED DATA

108 502 602 OPERATION TIMING CONTROL SECTION

128 129 MULTIPLICATION PROCESSING SECTION

CARRIER

131 132 FILTERING PROCESSING SECTION

141 142 512 POWER CALCULATION SECTION

FIG.7 FIG.8

TIME

AGC PERIOD

FIG.11

601 AGC OPERATION MODE SWITCHING SECTION

5

FIG.12

HIGH-SPEED AGC UPDATE PERIOD

LOW-SPEED AGC UPDATE PERIOD